"SPATIO- TEMPORAL CHANGES OF SCHEDULED CASTE POPULATION IN SOLAPUR DISTRICT: A GEOGRAPHICAL STUDY"

A SYNOPSIS SUBMITTED FOR

THE DEGREE OF DOCTOR OF PHILOSOPHY
IN GEOGRAPHY
UNDER THE FACULTY OF SOCIAL SCIENCE

TO

Swami Ramanand Teerth Marathawada University, Nanded.

BY

Mr. Waghamode Manohar Bira

M.A., B.Ed., M.Phil

UNDER THE GUIDANCE OF

Dr.Suresh J.Phule

M.A., M.Ed., Ph.D.

Asso.Professor and Research Guide,
Department of Geography,
Rajarshi Shahu Mahavidyalaya,
Latur-413512

August, 2016

"SPATIO- TEMPORAL CHANGES OF SCHEDULED CASTE POPULATION IN SOLAPUR DISTRICT: A GEOGRAPHICAL STUDY"

1. INTRODUCTION:

Geography deals with vide area of study. Geography had since long been considered as an earth science where the study of earth received greater attention then it's in habitat , Vidal-de-La blache, juean Brunches were significance in giving anthropocentric orientation to geography. Traditionally geographers have been classifieds geography in to physical geography. The natural phenomena over the surface of the earth suited in physical geography.

"The power of population is indefinitely greater than the power in the earth to produce subsistence for man" (Thomas Malthus, 1798).population is the major element because population play vital role in the development of region. The growth of population, its structure & composition affect of social & economic condition .Population is one of the resources. The population studies are concerned with population variables, its changes and socio-economic, political, biological, genetic and geographical factors of region .The geographer's interest to find out relationship between population distribution and geographical space and physiological condition. The new field of empirical research in population studies first carried out by John Grant(1662).who is considered as father of population studies .He has written of "Natural & political observation".

Human geography studied nature and distribution of manmade aspects and their relationship with the physical landscape. As compare to Physical geography, Human geography is relatively a new branch of geography. Human geography studied the cultural landscape including language,

settlements, industrial establishment etc. Human geography also has several sub branches, e.g. Settlement geography, economic geography, political geography, population Geography etc.

Population Geography studies the distribution of population over the surface of the earth, with its characteristics and relation with geographical personality of the region. Study population geography in particular region without noted contribution of various scholars the study has been not completed. A number of scholars have been made has contribution on this subject.

2. CHOICE OF THE STUDY REGION:

Solapur District has entirely in the Bhima - Sina and Man basin up to the border of Karnataka. The Solapur District is bounded by 17^0 15' to $18^0$32' north latitudes and $74^0$42' E. to $76^0$15' E. longitude .The east west extension of the solapur district is 150 kms. The Solapur District is fairly well defined to its west as well as to its east by the inward looking scarps of phaltan range and the Osmanabad plateau respectively.

The District is bounded Of the north by Ahmednagar & Osmanabad Districts ,on the east by Osmanabad & Gulbarga (Karnataka state) District,of the south by Sangli & Bijapur (Karnataka state),& of the west by Satara & Pune District . The shape of the district resembles flying eagle. The proportion of the area of the solapur district as compared to Maharashtra state is about five percent. The proportion of area of the Solapur District aquarius 20% areas of Pune Division.

3. OBJECTIVES :

A Geographical analysis of Scheduled Caste Population in relation to the total Population of Solapur District is main objective of the proposed study. This will be viewed in the light of following objects.

1. To study the geographical set up of study region.
2. To study the distribution of scheduled caste population and its density in Solapur District.
3. To study the male - female and Rural - Urban Scheduled Cast Population. Its growth rate in Solapur District .
4. The change of distribution of sex ratio and identify the different Components of sex ratio of Scheduled Caste Population in Solapur District.
5. To study the spatial patterns of literacy of Scheduled Caste Population in Solapur District.
6. To study the occupational structure of Scheduled Caste Population in Solapur District.

4. DATA BASE AND METHODOLOGY:

This study is based on the reliable and accurate census data.

The required secondary data will be collected from the following sources.

A) District census handbook.

B) Published records of the Government like.

. 1. Census of Maharashtra.

2. Records of Zilla Parishad.

3. Socio-economic Review

4. District Gazetteers

5. District Statistical Abstract.

The required primary data will be collected from the following sources. For the case study of the present socio-economic status of Scheduled Castes Population and information will be collected by survey method, interview, discussion and observation by using Questionnaires.

1. To calculate the growth rate of Population following formula will be used.

$$r = Pn - Po / Po \times 100$$

Where as, r = Growth rate of population.

Pn = Population in succeeding census.

Po = population in previous census.

2. To calculate the density of Population following formula will be used.

1. Arithmetic Population Density = Total population / Total Area in sq. Km.
2. Rural Density = Total Rural population / Total Rural Area.
3. Urban Density = Total Urban population / Total Urban Area.
4. Physiological Density = Total population / Gross Cropped Area.

Calculate the sex-ratio of population formula will be used as given below.

3. To calculate the Sex Ratio of Population following formula will be used.

1. General Sex Ratio = Total female population Total male Population X 1000.
2. Rural Sex Ratio = Total Rural Female population Total Rural Male population X 1000
3. Urban Sex Ratio = Total Urban Female population /Total Urban Male population X 1000

Study the occupational structure, the required data has been collected from District census handbook of Solapur .

5. CHAPTER SCHEME:

The Proposed research work will divided in Eight chapter.

1. Introduction.
2. Profile of Study Region.
3. Distribution and Density of Schedule Caste Population
4. Growth of Scheduled Caste Population.
5. Sex Ratio & Literacy of Schedule Caste Population.
6. Occupational Structure of Scheduled Caste Population.
7. Socio-Economic status of Scheduled Caste Population.
8. Conclusion.

Signature **Signature**

Research Scholar **Research Guide**